

# Authorization Basis Amendment Request

ABAR Title: Codes & Standards Update - Design / Authorization Basis AlignmentABAR #: ABAR-W375-00-00015 Revision: 0 Associated ABCN #: ABCN-W375-00-00027Originator: Todd Allen Date: 4/14/00  
Print NameDescription of proposed revision:

Revise the citation of ACI 318-95 and ACI 318R-95 to ACI 318-99 and ACI 318R-99 in safety criteria 4.1-2 and 4.1-4 and section 2.0 of Appendix C of the SRD.

Reason(s) for the proposed revision:

The 1999 version of ACI 318 and ACI 318R are the most current direction on structural concrete. This latest revision of ACI 318-99 contains more extensive seismic detailing requirements for concrete structures subject to seismic loading. ACI 318-99 also reflects the most current methodology endorsed by the American Concrete Institute, in addition to updates to the previous version of the code

Note: The Regulatory Unit has previously approved the change to ACI-318-99 and ACI 318R-99 in "Safety Evaluation by the DOE Regulatory Unit of Proposed Authorization Basis Amendment Request, ABAR-W375-99-00008, Rev 0 to the Safety Requirements Document for the Tank Waste Remediation System – Privatization Project (Contract DE-AC06-96RL13308)", which was attached to 00-RU-0020, dated October 27, 1999.

Description of the proposed implementation schedule:

The changes to the SRD will be incorporated within 30 days of RU approval.

If the revision involves the deletion or modification of a standard previously identified in the approved SRD, provide:

- A. An evaluation that demonstrates the revised SRD continues to identify a set of standards that will provide adequate safety, comply with all applicable laws and regulations, and conform to top-level safety standards; and
- B. A certification that the revised SRD identifies a set of standards that continues to provide adequate safety, comply with all applicable laws and regulations, and conform to top-level safety standards.

Attachments:

- 1. Copies of the AB document(s) or appropriate excerpt showing the proposed revision(s).
- 2. Copy of safety evaluation.
- 3. If not included above, justification for the revision and demonstration that the revision is safe.
- 4. Items A and B above, if applicable.

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Originator: Todd Allen Date: 4/14/00  
Print Name

Manager, Engineering

Date

Radiological, Nuclear, and Process Safety Manager

Date

Manager, Quality Assurance

Date

Chairman, Project Safety Committee

Date

RPP-WTP General Manager

Date